

1   **WHAT IS CLAIMED IS:**

- 2   1.    A remote distribution cabinet comprising:  
3        at least one panelboard having a plurality of circuit breakers;  
4        a plurality of structural members attached to the panelboard, thereby forming a  
5        frame structure including the panelboard; and  
6        a bottom member attached to the structural members.
- 7
- 8   2.    The remote distribution cabinet of claim 1 wherein the bottom member is sized to  
9        allow the remote distribution cabinet to fit within a raised floor tile space.
- 10
- 11   3.    The remote distribution cabinet of claim 2 further comprising a junction box  
12        attached to the bottom member so as to be disposed beneath a raised floor.
- 13
- 14   4.    The remote distribution cabinet of claim 1 further comprising at least one access  
15        panel covering the plurality of circuit breakers.
- 16
- 17   5.    The remote distribution cabinet of claim 4 wherein the access panel allows visual  
18        inspection of the circuit breakers without opening the access panel.
- 19
- 20   6.    The remote distribution cabinet of claim 4 wherein said access panel is adjustable  
21        to allow for a shift in the position of the circuit breakers within the panelboard.
- 22
- 23   7.    The remote distribution cabinet of claim 1 comprising at least two panelboards  
24        wherein one or more panelboards are arranged to receive power from different sources.
- 25
- 26   8.    The remote distribution cabinet of claim 7 further comprising a tie-breaker for  
27        providing power from one of a plurality of sources to one or more panelboards.
- 28
- 29   9.    The remote distribution cabinet of claim 1 further comprising a tie-breaker for  
30        providing power from one of a plurality of sources to one or more panelboards.
- 31

1 10. The remote distribution cabinet of claim 1 further comprising a current  
2 monitoring unit arranged to measure the current of each panelboard.  
3

4 11. The remote distribution cabinet of claim 1 further comprising at least one main  
5 circuit breaker for each panelboard.  
6

7 12. The remote distribution cabinet of claim 1 further comprising an access panel  
8 separately covering each of the panelboards, wherein service can be performed on at least  
9 one panelboard without exposure to remaining energized panelboards.  
10

11 13. The remote distribution cabinet of claim 12 wherein the access panel allows  
12 visual inspection and operation of the panelboard circuit breakers without opening the  
13 access panel.  
14

15 14. A remote distribution cabinet comprising:  
16 at least one panelboard;  
17 a means for incorporating said panelboard into a frame structure for the remote  
18 distribution cabinet.  
19

20 15. The remote distribution cabinet of claim 14 the means for incorporating said  
21 panelboard into the frame structure includes a bottom member sized to allow the remote  
22 distribution cabinet to fit within a raised floor tile space.  
23

24 16. The remote distribution cabinet of claim 15 further comprising a junction box  
25 attached to the bottom member so as to be disposed beneath a raised floor.  
26

27 17. The remote distribution cabinet of claim 14 wherein the panelboard comprises a  
28 plurality of circuit breakers and the remote distribution cabinet further comprises at least  
29 one access panel covering the plurality of circuit breakers.  
30

- 1 18. The remote distribution cabinet of claim 17 wherein the access panel allows  
2 visual inspection of the circuit breakers without opening the access panel.  
3
- 4 19. The remote distribution cabinet of claim 17 wherein said access panel is  
5 adjustable to allow for a shift in the position of the circuit breakers within the panelboard.  
6
- 7 20. The remote distribution cabinet of claim 1 comprising at least two panelboards  
8 wherein one or more panelboards are arranged to receive power from different sources.  
9
- 10 21. The remote distribution cabinet of claim 20 further comprising a tie-breaker for  
11 providing power from one of a plurality of sources to one or more panelboards.  
12